

STATEMENT  
OF  
WORK  
(SOW)  
FOR THE REBUILD OF THE  
AAV  
M36E3 PERISCOPE ELBOW ASSEMBLY  
NSN 1240-01-387-6729  
SOW-04-CBG-8G280B-1/1  
DATED 10 APRIL 2002

STATEMENT OF WORK FOR THE REBUILD  
OF THE M36E3 PERISCOPE ELBOW ASSEMBLY  
NSN 1240-01-387-6729

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1.0 SCOPE. This Statement of Work (SOW), along with TM 8F419B-35&P establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor in the rebuild of the Assault Amphibious Vehicle (AAV) M36E3 Periscope Elbow Assembly. This document contains minimum requirements to restore the M36E3 Periscope Elbow Assembly to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitations or restrictions." National Stock Number (NSN) 1240-01-387-6729 identifies the M36E3 Periscope Elbow Assembly.

1.1 BACKGROUND. Rebuild is defined as "that maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through complete disassembly of the item; inspection of all parts or components, repair or replacement of worn or unserviceable parts using original manufacturing tolerances and/or specifications, and subsequent reassembly of the item."

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards.

MIL-STD-2073-1D	DoD Standard Practice for Military Packaging
MIL-STD-129	DoD Standard Practice for Military Marking

2.2 Other Government Documents and Publications.

DoD 4160.21-M-1	Defense Demilitarization Manual
DoD 4000.25-M-1	Military Standard Requisition and Issue Procedures (MILSTRIP)
TM 2350-45	DMA Standard Procedures
Engineering Drawing 7004157 CAGE OMLM6	M36E3 Periscope Elbow Assembly

TM 8F419B-35&amp;P

Maintenance Instruction and Repair Parts  
Intermediate and Depot M36E3 Periscope  
Elbow, Upgunned Weapons Station Assault  
Amphibious Vehicle Model 7A1 Family Of  
Vehicles and RAM/RS

Military Handbooks (For Guidance)

MIL-HDBK-61

Configuration Management Guidance

2.3 Industry Standards.ANSI/ISO/ASQC  
Q9003-1994

Quality Systems-Model for Quality  
Assurance in Final Inspection and Test

Industry Standards (For Guidance)

ANSI/EIA-649

National Consensus Standard for  
Configuration Management

Copies of Military Standards and Specifications are available from the DoD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Commercial (215) 697-2179 or DSN 442-2179 or <http://www.dodssp.daps.mil>. Copies of other Government documents and publications requirements shall be obtained through the Contracting Officer: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, Albany, Georgia 31704-3019, commercial telephone number (229) 639-6761 or DSN 567. Copies of Engineering drawing, if applicable, shall be obtained from Supply Chain Management Center, Attn: (Code 583-1) 814 Radford Blvd., STE 20320 Albany, Georgia, 31704-0320, Commercial (229) 639-6410 or DSN 567-6410.

3.0 REQUIREMENTS.3.1 General Tasks. In fulfilling the specified requirements the contractor shall:

a. Provide materials, labor, facilities, and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, rebuild, and calibrate as required to make the M36E3 Periscope Elbow Assembly fully operational. Upon completion of the rebuild, the M36E3 Periscope Elbow Assembly shall be Condition Code "A".

b. Conduct final-on-site testing, which may be witnessed by Marine Corps Systems Command (MCSC) (AFS-CTV), Albany, Georgia representative at his/her discretion.

c. The contractor shall be responsible for all structural, electrical, and mechanical requirements associated with the rebuild of the M36E3 Periscope Elbow Assembly specified in TM 8F419B-35&P, TM 2350-45, MIL-STD-2073-1D, and MIL-STD-129.

d. Ensure all M36E3 Periscope Elbow Assembly meet the configuration of Engineering Drawing 7004157, CAGE OMLM6.

c. All mandatory replacement parts identified in TM 8F419B-35&P shall be replaced 100%. Economical replacement parts may be reused if they meet the applicable inspection requirements in TM 2350-45. All parts shall be disposed of in accordance with DoD 4160.21-M-1.

3.2 Detailed Tasks. The following tasks describe the different phases for the rebuild of the M36E3 Periscope Elbow Assembly.

3.2.1 Phase I – Rebuild. The contractor shall receive M36E3 Periscope Elbow Assembly for rebuild. The contractor shall then disassemble the M36E3 Periscope Elbow Assembly into components and conduct the rebuild process. The contractor shall rebuild components in accordance with the requirements in TM 8F419B-35&P and this SOW. The contractor shall be responsible for supplying all equipment, tools, test equipment, and materials for the conduct of this effort. The contractor shall be responsible for the integration and assembly of all components. The configuration identification for the M36E3 Periscope Elbow Assembly is defined by the specifications annotated on the current revision level of Engineering drawing 7004157, CAGE OMLM6. Upon completion of the rebuild, the M36E3 Periscope Elbow Assembly shall be in condition code “A”. A Rebuild Data Plate shall be installed centered in the rear below the item identification plate. The rebuild data plate shall contain the following (REBUILT BY:) (INSPECTED BY:) and (DATE REBUILT:) The Plate shall be no more than .008 in thickness, 2 3/4” in length and 3/4” in height.

3.2.2 Phase II – Inspection, Testing, and Acceptance.

Inspection, testing, and acceptance of the M36E3 Periscope Elbow Assembly shall be conducted in accordance with, TM 8F419B-35&P and ANSI/ISO/ASQC Q9003-1994. The contractor shall correct all deficiencies discovered.

3.2.3 Phase III- Packaging, Handling, Storage, and Transportation (PHS&T).

a. The contractor shall be responsible for preservation and packaging of the items rebuilt under the terms of this STATEMENT OF WORK. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with the Level “A” requirements of MIL-STD-2073-1D, Appendix J., and Table J.Ia. Specialized Preservation Code “DW”. Items scheduled for domestic shipment for immediate use, or short-term storage shall be to level “B” requirements.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps shall provide the contractor with the shipping address(es) for the delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps shall be responsible for transportation costs associated with shipping the subject equipment to and from the contractor.

### 3.3 Configuration Management.

a. The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. If deemed necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request For Deviation (RFD). MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing RFDs.

b. The creation and submission of RFDs shall be accomplished using MEARS CREATE software, which resides at a secure website, <https://mearsweb.redstone.army.mil>. For the purpose of gaining access to the web site, the contractor shall request user-id and password privileges from the Requiring Office identified in Block 6 of the applicable Contract Data Requirements List. The contractor shall direct technical or functional questions concerning usage of MEARS CREATE software to the Requiring Office for guidance. The contractor shall notify the Requiring Office by electronic mail when completed MEARS RFDs are ready for formal submission.

### 3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM).

The Management Control Activity (MCA/Code 573-2) will coordinate GFE/GFM requests and maintain a central control system on all government owned assets in the contractor's possession. The MCA will forward a GFE Accountability Agreement to the Contractor for signature, on an annual basis to establish a chain of custody and identify property responsibilities for Marine Corps assets. The contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. This can be done by mailing a copy of the DD1348 to Materiel Management Department, Management Control Activity (Code 573-2), 814 Radford Blvd., STE 20320, Albany, GA, 31704-0320 or faxing a copy to commercial (229)-639-5498 or DSN 567-5498.

### 3.5 Contractor Furnished Materiel (CFM).

The Contractor may requisition materials as required in the performance of this SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to the contractors on the requisitioning process. The decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

### 3.6 Quality Assurance Provisions.

3.6.1 The performance of the contractor's quality of work performed, materiel provided and documents written shall be subject to in-process review and inspection by the MCSC (AFS-CTV), Albany, Georgia representative during contract performance. Inspection may be accomplished at any work location. The MCSC (AFS-CTV), Albany, Georgia representative shall be permitted to observe the work/tasks accomplishment and/or to conduct inspections at any reasonable hour. Acceptance Tests shall be held in-plant. The MCSC (AFS-CTV), Albany, Georgia representative requires, at a minimum, two weeks notification of acceptance test to allow for sufficient time for MCSC (AFS-CTV), Albany, Georgia representative to witness acceptance, if he or she desires. Inspection by the MCSC (AFS-CTV), Albany, Georgia representative of all acceptance tests, materiels and associated lists furnished hereunder does not relieve the contractor from any responsibility regarding defects or other failures to meet the SOW requirements which may be disclosed prior to final acceptance.

3.6.2 The contractor shall provide and maintain a Quality System that as a minimum adheres to the requirements of ANSI/ISO/ASQC Q9003-1994. The contractor's work shall be subject to in-process reviews and inspections for compliance with these procedures and standards by MCSC (AFS-CTV), Albany, Georgia representative. Noncompliance with these quality assurance procedures resulting in degraded quality of work may result in a stop-work order requiring action by the contractor to correct the work performed and to enforce compliance with quality assurance procedures or face contract termination. Notwithstanding such inspection, it shall be the contractor's responsibility to ensure that the entire system meets the performance requirements of this SOW.

4.0 Reports. All reports deliverables shall be submitted in hard copy to Marine Corps Systems Command, Attn: (AFS-CTV), 814 Radford Blvd, Suite 20343, Albany Georgia 31704-0343, unless directed otherwise in a Contract Data Requirements List.

4.1 Monthly Production Status Report. A monthly Production Status Report shall be submitted summarizing the progress and status of the M36E3 Periscope Elbow Assembly.

# CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved  
OMB No. 1704-0188

The Public reporting burden for this collection of information is authorized to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government issuing Contract Officer for the contract/PR No. listed in block E.

A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY:  
TDP TM Other XXX

D. SYSTEM/ITEM E. CONTRACT/PR No. F. CONTRACTOR  
M36E3 Periscope Elbow Assembly

1. DATA ITEM No. 2. TITLE OF DATA ITEM 3. SUBTITLE  
A001 Contractor's Progress, Status, and Management Report Monthly Progress Report

4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE  
DI-MGMT-80227 Paragraph 4.4 MARCORSYSCOM (AFS-CTV), Albany

7. DD 250 REQ. LT 9. DIST STATEMENT REQUIRED 10. FREQUENCY 12. DATE OF FIRST SUBMISSION 14. DISTRIBUTION  
MTHLY See Blk 16  
8. APP CODE N/A 11. AS OF DATE 13. DATE OF SUBSEQUENT SUBMISSION  
A See Blk 16  
a ADDRESSEE b COPIES  
INITIAL FINAL  
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16. REMARKS  
Contractor format is authorized.  
Block 4 – Tailor DI-MGMT-80227 as follows: Delete paragraphs 10.3g, 10.3h, 10.3i, 10.3j, 10.3k, and 10.3n.  
Block 12 – The reporting period shall be from the first to last business day of each month. Initial submission shall be 60 days after contract.  
Block 13 – Subsequent submissions shall be 10 days after the last business day of each month.  
Distribution Statement A: Approved for public release, distribution is unlimited.

G. PREPARED BY: H. DATE I. APPROVED BY: J. DATE  
04/11/02 04/11/02

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17. PRICE GROUP  
18. ESTIMATED TOTAL PRICE



(1 Data Item)

OMB No. 1704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ Other XXX
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1. DATA ITEM No	2. TITLE OF DATA ITEM	3. SUBTITLE
B001	Request for Deviation (RFD)	Configuration Management

7. DD 250 REQ. LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION AS REQ	14. DISTRIBUTION b COPIES	
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16. REMARKS	MCSCA (AFS-CTV)	0	0	0
MCSCA (AFS-CTV)	MCLBA (583-1)	0	1	0

MEARS RFD text files shall be created using MICROSOFT (.doc) or ADOBE				
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(.pdf) formatted software products.

MEARS RFD accompanying figures shall be created using MICROSOFT				

formatted software or CCITT Group 4 graphic file with a minimum density of 600 dpi.			

Point of Contact for MEARS CREATE questions may be directed to Doug				

Smith at DSN 567-6057 or [smithdc@matcom.usmc.mil](mailto:smithdc@matcom.usmc.mil).

RFD notification shall be transmitted via e-mail to the following address:				

mbmatcomconfigmngmnt@matcom.usmc.mil			

Distribution Statement A: Approved for public release, distribution is unlimited.				
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G. PREPARED BY: <i>123</i>		H. DATE	I. APPROVED BY:		J. DATE	

<i>Name L Bradley</i>	<i>04/11/02</i>	<i>RE Hoffman</i>	<i>04/11/02</i>
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17. PRICE GROUP

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18. ESTIMATED TOTAL PRICE